

FY 2015 Ten-Year Site Plan

Changes from last year's Ten-Year Site Plan (TYSP) include modifications to the document's format and content as specified in the National Nuclear Security Administration TYSP Guidance issued March 27, 2014. This year's submission of the TYSP is limited and will focus on significant changes, a prioritized list of proposed real property investments anticipated over fiscal year (FY) 2014-2016, and a two-year projected accounting of office and warehouse space in support of the Office of Management and Budget's freeze the footprint initiative.

Accomplishments

In FY 2013, the NNSA announced that NSTec was awarded 4 of 18 Sustainability Awards for innovation and excellence. The awards recognize exemplary individual and team performance in advancing sustainability objectives through innovative and effective programs and projects that increase energy, water and fleet efficiency and reduce greenhouse gases, pollution, and waste.

The 18 sustainability awards comprise 11 "Best in Class" and 7 "Environmental Stewardship." NSTec received awards for the following:

Best in Class:

- Fleet: Nevada National Security Site (NNSS) Fleet Management Initiatives
- Water: NNSS Water Loss Mitigation

Environmental Stewardship:

- Sustainable Communications: NNSS – The Green Reaper
- Greenhouse Gas Scope 1 and 2: NNSS Offsite Transport of Sulfur Hexafluoride

Completed and Proposed Real Property Investments

During FY 2013, the projects listed below were completed.

Security Project:

- DAF Entry Guard Station Expansion

Facilities and Infrastructure Recapitalization Program (FIRP) Projects:

- Replace Area 27 Pump House
- Upgrade Area 23, 4.16kV System to 12.47kV System, Lines 1-4
- Upgrade Area 23, 4.16kV System to 12.47kV System, Lines 5-8
- Replace Oil-based PIDS, Area 6 & Area 25

Roofs were replaced for the following buildings. They are classified as cool roofs.

- Area 25 Building 3101 - 12,081 gross square feet (gsf)
- Area 25 Building 3127 - 11,186 gsf

FY 2014 Security Projects completed in the First Quarter:

- DAF High Mast Lighting
- DAF Legacy

The Real Property Investments anticipated from FY 2014 through FY 2016 shows the target funding case. Table 1-1 represents the most recent NA-00 (April 1, 2014) targets for recapitalization. Projects indicated in the shaded portions of Table 1-1 are those needed to address the current critical repair backlog. Funding for these projects was planned, but is not within the current target funding case.

Table 1-1

Proposed Real Property Investments \$(M)				
Priority	Project	FY14	FY15	FY16
1	DAF Lead-ins Lines	4.3	5.3	5.0
2	U1a Fire Protection	1.0	1.5	
3	Device Assembly Facility Linear Accelerator (LINAC)	1.3	1.1	-
4	CSI-Hill 200 Electrical		1.5	2.0
5	DAF Fire Suppression System	0.8		-
6	DAF Penetrations	1.7		
7	DAF Electrical and Control			
8	CSI-NNSS Water/Waste Water			
9	CSI-Mercury Switching Center-Relays and SCADA	1.5	-	-
10	Workplace Improvements	0.75		
11	DAF HEPA Filter Ventilation System (HFVS)	1.3	-	-
12	DAF Equipment Replacement (Air compressors, variable frequency drives)	0.75	-	-
13	CSI-Replace Fiber Optic Loop Cable in Mission Corridor			
14	CSI-Electrical/Comm Upgrade SCADA SS-06-06, SS-06-15, ATS, Relays			
15	CSI-Various (Roads, Roofs, etc.)	0.6		
16	Critical Systems (Multiple Facilities)			
17	Critical Systems (Site Infrastructure)			
18	Line Item Conversion to GPP			
19	Sustainability/Disposition			

Accounting of Office and Warehouse Space

Freeze the Footprint

In accordance with the Office of Management and Budget (OMB) Memorandum M-12-12, *Promoting Efficient Spending to Support Agency Operations*, agencies shall not increase the total square footage of their domestic office and warehouse inventory as compared to the FY 2012 baseline. The baseline was calculated based on the FY 2012 Federal Real Property Profile Data, FY 2012 General Services Administration (GSA) Occupancy Agreements, and FY 2012 Agency Leasing Agreements. In response to the “Freeze the Footprint” policy, the NNSA identified a FY 2012 baseline of 1,250,784 gsf for Facilities Information Management System (FIMS) usage codes (100) Office and (400) Warehouse.

The anticipated asset information module (AAIM) has been created in FIMS to assist in the implementation of OMB M-12-12, *Section 3: Freeze the Footprint*, March 14, 2013. This module was created to assist the OMB in tracking new assets or expansion of existing assets of buildings and trailers for U. S. Department of Energy (DOE) owned, DOE leased, and GSA predominant office and warehouse space. The module will also assist in annually evaluating performance against the plan. No new office or warehouse footprint is scheduled in the AAIM in FIMS; and no new disposal is anticipated unless funding is received.

The FY 2013 footprint for Office and Warehouse has increased from the FY 2012 baseline (see Table 1-2). This increase is due to re-measurement of existing space using Building Owners and Managers Association (BOMA) interior gsf to utilizing BOMA exterior gsf.

Table 1-2

NNSA Freeze the Footprint DOE Owned*			
	Usage Code		
FY	(100) Office GSF	(400-450) Warehouse GSF	Total GSF
FY 2012 (Baseline)	841,897	408,887	1,250,784
FY 2013	850,560	417,122	1,267,682

*includes all sites and one GSA Lease